

MYCOTAXON

THE INTERNATIONAL JOURNAL OF FUNGAL TAXONOMY & NOMENCLATURE

VOLUME 128

APRIL–JUNE 2014



X. indica in *Xiuguozhangia* gen. nov.

(Kai Zhang & al.— FIG. 4, p. 133)

RAFAEL F. CASTAÑEDA-RUIZ, artist

EDITORIAL ADVISORY BOARD

SCOTT A. REDHEAD (2010–2015), Chair
Ottawa, Ontario, Canada

WEN-YING ZHUANG (2003–2014), Past Chair
Beijing, China

SABINE HUHNDORF (2011–2016)
Chicago, Illinois, U.S.A.

PETER BUCHANAN (2011–2017)
Auckland, New Zealand

BRANDON MATHENY (2013–2018)
Knoxville, Tennessee, U.S.A.

KAREN HANSEN (2014–2019)
Stockholm, Sweden

Published by

MYCOTAXON, LTD.

P.O. BOX 264, ITHACA, NY 14851-0264, USA

www.mycotaxon.com & www.ingentaconnect.com/content/mtax/mt

© MYCOTAXON, LTD, 2014

MYCOTAXON

THE INTERNATIONAL JOURNAL OF FUNGAL TAXONOMY & NOMENCLATURE

VOLUME 128

APRIL–JUNE 2014

EDITOR-IN-CHIEF

LORELEI L. NORVELL

editor@mycotaxon.com

*Pacific Northwest Mycology Service
6720 NW Skyline Boulevard
Portland, Oregon 97229-1309 USA*

NOMENCLATURE EDITOR

SHAUN R. PENNYCOOK

PennycookS@LandcareResearch.co.nz

*Manaaki Whenua Landcare Research
Auckland, New Zealand*

BOOK REVIEW EDITOR

ELSE C. VELLINGA

bookreviews@mycotaxon.com

*861 Keeler Avenue
Berkeley CA 94708 U.S.A.*

CONSISTING OF I–X + 208 PAGES INCLUDING FIGURES

ISSN 0093-4666 (PRINT)

<http://dx.doi.org/10.5248/128.cvr>

ISSN 2154-8889 (ONLINE)

© 2014. MYCOTAXON, LTD.

MYCOTAXON

VOLUME ONE HUNDRED TWENTY-EIGHT — TABLE OF CONTENTS

COVER SECTION

<i>Errata</i>	vi
<i>Reviewers</i>	vii
<i>Submission procedures</i>	viii
<i>From the Editor</i>	ix

RESEARCH ARTICLES

<i>Tylopilus</i> : a new species and a new record from Pakistan	
S. SARWAR, A.N. KHALID, & A.R. NIAZI	1
<i>Anacraspedodidymum</i> , a new genus from submerged wood in Brazil	
CAROLINA RIBEIRO SILVA, RAFAEL F. CASTAÑEDA-RUIZ, & LUIS FERNANDO PASCHOLATI GUSMÃO	11
Two new rust species on <i>Fabaceae</i> from Brazil	
MAURICIO SALAZAR YEPES & ANIBAL ALVES DE CARVALHO JÚNIOR	17
The first record of <i>Hebeloma vinosophyllum</i> (<i>Strophariaceae</i>) in Southeast Asia	
BAO-THUY QUYEN HO, NGUYEN-DUC HOANG PHAM, KIMINORI SHIMIZU, TOSHIMITSU FUKIHARU, BINH NGUYEN TRUONG, & AKIRA SUZUKI	25
<i>Xylaria hongkongensis</i> sp. nov. from an urban tree	
ALVIN MING CHAK TANG, REGENT YAU CHING LAM, & MIKE WING KEUNG LEUNG	37
A new species of <i>Sphaceloma</i> on <i>Helicia</i> from China	
HAI-YAN YANG, YUN-YUE WANG, & ZHONG-YI ZHANG†	41
Additions to the Chilean phalloid mycota	
PABLO SANDOVAL-LEIVA, JOSÉ LUIS HENRÍQUEZ, & LARISSA TRIERVEILER-PEREIRA	45
New records of cercosporoid fungi from Poland	
URSZULA ŚWIDERSKA-BUREK & WIESŁAW MUŁENKO	55
New records of <i>Phragmidium</i> species from Pakistan	
N.S. AFSHAN & A.N. KHALID	63
Life cycle of <i>Aecidium araliae</i> and its new name	
MAKOTO KAKISHIMA & QI WANG	71
Two rare myxomycete species from the Iberian Peninsula	
OSCAR REQUEJO & NICANOR FLORO ANDRÉS RODRÍGUEZ	79
Four lecideoid lichens new to China	
LING HU, XIN ZHAO, LI-YAN SUN, ZUN-TIAN ZHAO, & LU-LU ZHANG	83

- Muscodor strobili*, a new endophytic species from South India
VINEET MESHRAM, SANJAI SAXENA, & NEHA KAPOOR 93
- New record of *Setomelanomma holmii* on *Picea crassifolia* in China
based on morphological and molecular data ZI-QIANG WU,
XIN-LEI FAN, TING YANG, CHENG-MING TIAN,
YING-MEI LIANG, YAN-FANG MA, & SAN-LIN ZHANG 105
- Thalloloma ochroleucum* (Graphidaceae), a new species from
Guizhou, China ZE-FENG JIA & KLAUS KALB 113
- A new species of *Marasmius* sect. *Sicci* from India ARUN KUMAR DUTTA,
SWARNENDU CHANDRA, PRAKASH PRADHAN, & KRISHNENDU ACHARYA 117
- A new species of *Arachnophora* from submerged wood in the Amazon
rainforest, Brazil JOSIANE SANTANA MONTEIRO,
LUIS FERNANDO PASCHOLATI GUSMÃO, & RAFAEL F. CASTAÑEDA-RUIZ 127
- Xiuguozhangia*, a new genus of microfungi to accommodate
five described *Piricaudiopsis* species
KAI ZHANG, LI-GUO MA, JIAN MA, & RAFAEL F. CASTAÑEDA-RUIZ 131
- Hymenochaete* in China. 8. *H. biformisetosa* sp. nov. with a key
to species with denticulate setae JIAO YANG & SHUANG-HUI HE 137
- New records of *Dothideomycetes* from Mexico
SANTIAGO CHACÓN, FIDEL TAPIA, & MARTÍN ESQUEDA 145
- Chaetospermum malipoense* sp. nov. from southwest China
XIAO-MING TAN, CHUN-LAN WANG, JUAN CHEN, & SHUN-XING GUO 159
- Chemistry and morphology of *Chrysothrix candelaris* in Poland,
with notes on the taxonomy of *C. xanthina*
SANDRA OLSZEWSKA, ADRIAN ZWOLICKI, & MARTIN KUKWA 165
- Two new species of *Diacheopsis* from China SHU-ZHEN YAN,
MING-QUAN GUO, & SHUANG-LIN CHEN 173
- Australohydnum dregeanum* new to Italy
ALESSANDRO SAITTA, MARIA LETIZIA GARGANO,
RICCARDO COMPAGNO, & GIUSEPPE VENTURELLA 179
- Anamorphic fungi of the Atlantic Forest of southern Bahia: new records
and *Dactylaria pseudomanifesta* sp. nov. DILZE MARIA ARGÔLO MAGALHÃES,
EDNA DORA MARTINS NEWMAN LUZ, ALBERTÍ FERREIRA MAGALHÃES,
MARCOS VINÍCIUS OLIVEIRA DOS SANTOS, FLÁVIA RODRIGUES BARBOSA,
LARISSA ARGÔLO MAGALHÃES, & JOSÉ LUIZ BEZERRA 185
- A new slender species of *Aureoboletus* from southern China
MING ZHANG, TAI-HUI LI, & BIN SONG 195
- Nomenclatural revision of four *Peziza* species
GIANFRANCO MEDARDI, ANGELA LANTIERI, & GABRIELE CACIALLI 203

REGIONAL MYCOBIOTA NEW TO THE MYCOTAXON WEBSITE

A checklist of coprophilous fungi and other fungi recorded on dung
from Brazil

FRANCISCO JUNIOR SIMÕES CALAÇA,
NATHAN CARVALHO DA SILVA, & SOLANGE XAVIER-SANTOS 205

NOMENCLATURAL NOVELTIES AND TYPIFICATIONS

PROPOSED IN VOLUME 128

207

ERRATA FROM PREVIOUS VOLUMES

VOLUME 127

Validation of the name *Diplococcium variegatum*

SILVANA SANTOS DA SILVA, ALISSON CARDOSO RODRIGUES DA CRUZ,
LUÍS FERNANDO PASCHOLATI GUSMÃO, & RAFAEL F. CASTAÑEDA-RUIZ

The proposed name “*Diplococcium variegatum* S.S. Silva, Gusmão & R.F. Castañeda, sp. nov.” on page 60 of volume 127 was not validly published because the cited registration number, “MB 805030”, was incorrect and is assigned to a separate name. Art. 42.1 of the International Code of Nomenclature (McNeill & al. 2012) requires that after January 1, 2013, ‘the citation in the protologue of the identifier issued by a recognized repository for the name (Art. 42.3) is an additional requirement for valid publication.’ We hereby validate the name *Diplococcium variegatum* S.S. Silva, Gusmão & R.F. Castañeda, sp. nov. with the assigned number MB 805072, with its description published in Mycotaxon 127: 60. 2014 and its holotype designated as HUEFS 194254. Additional details were published in the original publication.

Other Errata for MYCOTAXON 127:

p. ii, between lines 11 & 12 ADD: KAREN HANSEN (2014–2019)
Stockholm, Sweden

p.115, line 3

FOR: MILAGRO GRANADOS¹

READ: MILAGRO GRANADOS-MONTERO¹

REVIEWERS — VOLUME ONE HUNDRED TWENTY-EIGHT

The Editors express their appreciation to the following individuals who have, prior to acceptance for publication, reviewed one or more of the papers prepared for this volume.

N.S. Afshan	Eric H.C. McKenzie
Andre Aptroot	Ireneia Melo
Alan W. Archer	Armin Mešić
Uwe Braun	Jurga Motiejūnaitė
Peter Buchanan	Karen K Nakasone
Gabriele Cacialli	A.R. Niazi
Cecilia Cristina Carmarán	Lorelei L. Norvell
M. Luisa Castro	Eduardo R. Nouhra
Manmohan Chhibber	Yoshitaka Ono
Giovanni Consiglio	Beatriz Ortiz-Santana
Cvetomir M. Denchev	Omar Paíno Perdomo
Dennis E. Desjardin	Shaun R. Pennycook
G.S. Dhingra	Michael J. Richardson
Matteo Gelardi	Amy Y. Rossman
Shouyu Guo	Andrea Irene Romero
Luís F.P. Gusmão	A.F. Dos Santos
José R. Hernández	Hyeon-Dong Shin
Margarita Hernández-Restrepo	Sanjay K. Singh
Cheng-Lin Hou	Steven L. Stephenson
Jae-Seoun Hur	Gary A. Strobel
Carlos Antonio Inácio	Guangyu Sun
Alfredo Justo	Larissa Vasilyeva
Roland Kirschner	Nadja Santos Vitória
T.K. Arun Kumar	Robert L. Wick
Carlos Lado	Y.-J. Yao
James C. Lendemer	Hai-Sheng Yuan
De-Wei Li	G.I. Zervakis
Miguel Armando Lopez Ramirez	Tao Zhang
Cristiano Losi	Xiu-Guo Zhang
José G. Marmolejo	Wen-Ying Zhuang

PUBLICATION DATE FOR VOLUME ONE HUNDRED TWENTY-SEVEN

MYCOTAXON for JANUARY–MARCH, VOLUME 127 (1–X + 1–234)

was issued on May 29, 2014

FOUR STEPS TO SUCCESSFUL MYCOTAXON PUBLICATION IN 2014

Prospective MYCOTAXON authors should download instructions PDF, review and submission forms, and other helpful templates by clicking the 'file download page' link on our INSTRUCTIONS TO AUTHORS page before preparing their manuscript. Below is a summary of our '4-step' publication process.

1—PEER REVIEW: Email formatted text and illustration files with a 2014 MYCOTAXON Reviewer Comments Form to 2–3 experts for peer review. Authors should (i) ask peer reviewers to return revisions and comment forms to BOTH authors and *Editor-in-Chief* <editor@mycotaxon.com> and (ii) follow reviewer suggestions **before** sending revised files to the *Nomenclature Editor* for nomenclatural review.

2—NOMENCLATURAL REVIEW: Email text files (WITH tables & captions but NO artwork) to the *Nomenclature Editor* <PennycookS@LandcareResearch.co.nz> for accession and pre-submission review. The Email message **MUST** include 'MYCOTAXON' on the subject line AND all peer reviewer names+Email addresses in the message. The *Nomenclature Editor* will assign accession numbers and return annotated files with a list of needed corrections to the authors and *Editor-in-Chief*.

3—FINAL SUBMISSION: After consulting experts and revising manuscripts as needed, send the (i) completed 2014 MYCOTAXON submission form; (ii) separate text files for main text, tables, and legends; and (iii) art files to the *Editor-in-Chief* <editor@mycotaxon.com>. Only text and image files prepared for immediate publication should be sent at this time. The *Editor-in-Chief* usually acknowledges manuscripts and thanks expert reviewers within two weeks, but please wait at least 14 days before sending a follow-up query (without attachments); this helps us keep Email traffic to a minimum during MYCOTAXON publication deadlines or temporary closures of the editorial office.

4—FINAL EDITORIAL REVIEW & PRESS PREPARATION: Files not ready for publication will be rejected or returned to authors for further revision; the *Editor-in-Chief* gives tentatively approved manuscripts a final grammatical and scientific review before converting all files into publishable format. The PDF proof, bibliographic citation, and nomenclatural entries are sent to all coauthors for final inspection prior to publication. After PDF conversion, the *Editor-in-Chief* corrects ONLY processing or editorial errors prior to publication but will list corrections of author errors in the ERRATA of a subsequent volume for no charge. Authors are expected to arrange payment of page charges and optional open access fees with the *Business Manager* <subscriptions@mycotaxon.com> at this time.

MYCOTAXON LTD— www.mycotaxon.com

The MYCOTAXON *Webmaster* <mycotaxon@gmail.com> posts general and subscription information, important announcements, and author forms and templates on the official MYCOTAXON site. The server also hosts the regional mycobiota webpage for free download of distributional annotated species lists.

MYCOTAXON ONLINE— www.ingentaconnect.com/content/mtax/mt

MYCOTAXON publishes four volumes a year. Both open access and subscription articles are offered.

FROM THE EDITOR-IN-CHIEF

KAREN HANSEN JOINS THE MYCOTAXON ADVISORY — Through an unfortunate oversight, we did not list our new Editorial Advisory member in her rightful place on p. ii of MYCOTAXON 127. Karen Hansen (Stockholm, Sweden) was elected in January to serve as advisor to the Editors during 2014–2019. We are lucky to have her and take this official opportunity to forward an appreciative welcome while apologizing profusely for our editorial negligence!

IMC ACCEPTS THREE NOMENCLATURAL REPOSITORIES: On 8 August 2014, the Tenth International Mycological Congress resolved during its closing ceremonies in Bangkok to accept “the decision of its Nomenclature Session with respect to Art. 41 of the INTERNATIONAL CODE OF NOMENCLATURE FOR ALGAE, FUNGI, AND PLANTS, made 7 August 2014 regarding official repositories for the registration of fungal names, namely to recognize multiple repositories: FUNGAL NAMES, INDEX FUNGORUM, and MYCOBANK ...”

CORRECT NUMBERS REQUIRED FOR VALID PUBLICATION OF NEW NAMES — The first erratum on p. vi of this volume, slightly more elaborate than usual, points to the need for authors to scrutinize *carefully* their nomenclatural registration numbers before submitting a paper for publication. Because such numbers are hidden from external inspection until after publication, we — as editors — can not check them at our end. Remember that the difference of one digit will refer to a name that differs from what is intended and thereby invalidates the name. Each number is unique and must be rendered accurately or the name cannot be regarded as valid.

MYCOTAXON 128 contains 28 papers by 94 authors (representing 14 countries) and revised by 59 expert reviewers. Within its pages are two new genera (*Anacraspedodidymum* —including a new species from Brazil— and *Xiuguozhangia*— honoring China’s Xiu-Guo Zhang) and 16 other species new to science representing *Arachnophora*, *Atelocauda*, *Dactylaria*, and *Ravenelia* from Brazil; *Aureoboletus*, *Chaetospermum*, *Diacheopsis*, *Hymenochaete*, *Sphaceloma*, *Thalloloma*, and *Xylaria* from China; *Marasmius* and *Muscodora* from India; and *Tylopilus* from Pakistan. In addition to range extensions and/or new hosts for previously named taxa, five new names (in *Peziza* and *Puccinia*) and 6 new combinations (in *Anacraspedodidymum* and *Xiuguozhangia*) are proposed.

Warm regards,

Lorelei L. Norvell (*Editor-in-Chief*)

12 August 2014

bad taxonomy



can KILL